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INFORMATION DISCLOSURE					ERIAL NO.		3
D STORY	CITATION		24717-717	10	0/070,515	9	A (
	PTO-1449		APPLICANT Lloyd, et al.	APPLICANT Lloyd, et al.			0
			FILING DATE 7/25/02	G	ROUP 2661	chnology Center	7 2003
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		-				YES	NO
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·			Including Author, Title, Date,				
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

01/01/2007

EXAMINER

/Chuong Ho/

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. Department of Commerce

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Substitute for	form 1449	PA/PTO		Application No.	10/070,515
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	STATEMENT BY APPLICANT			First Named Inventor	Lloyd
(Use a	ıs many sh	eets as neces	isary)	Art Unit	2661
				Examiner Name	Olms
Sheet	1	Of	1	Attorney Docket No.	24717-717

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•		Document No.			
Examiner's Initials	Cite No. 1	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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EXAMINER SIGNATURE		/Chuong Ho/		DATE CONSIDERED	01/01/2007							

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1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Jepanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

03/28/05 Sheet 1 of 2

FORM PTO-144 F 2005 G (Modified)

INFORMATION DISCLOSURE S

EXAMINER:

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: AVARS-02500

Applicants: Michael J. Lloyd et al.

Serial No.: 10/070,515

INFORMATION DISCOUSTIRE STATEMENT BY APPLICANT

Group Art Unit: 2661 Filing Date: July 25, 2002 (37 CFR § 1.98(b)) FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **Translation** Publication Date Document Number Country / Patent Office Class Subclass Yes No CH AA EP 0 528 075 A1 02/24/93 EP H04L 12/26 X CH X AB EP 0 598 969 B1 02/10/99 EP H04L 12/18 CH X AC EP 0 788 267 A2 08/06/97 EP H04L 29/06 CH 09/15/99 EP H04L 12/64 Х AD EP 0 942 560 A2 CH Х ΑE EP 0 977-456 A2 02/02/00 EP H04Q 11/04 X CH AF EP 0 982 901 A1 01/03/00 EP H04L 12/56 CH EP H04L 12/64 Х AG EP 0 999 674 A1 04/28/04 CH X WO 94/08415 04/14/94 · **PCT** HO4L 12/66 AΗ CH Х **PCT** G06F 13/00 Αl WO 99/06913 02/11/99 CH H04L 12/56 X WO 99/14907 PCT AJ 03/25/99 CH Х H04M 7/00 WO'99/14931 **PCT** AK 03/25/99 CH X AL WO 99/14932 03/25/99 **PCT** H04M 7/00 CH H04O 11/04 X WO 99/18751 04/15/99 PCT AM CH X WO 99/30460 06/17/99 PCT H04L 12/00 AN CH H04L 12/66 X ΑO WO 99/39481 08/05/99 **PCT** CH G06F 17/21 X ΑP WO 00/04458 01/27/00 PCT CH Х G06F 13/00 AQ WO 00/25224 05/04/00 PCT CH H04L 29/00 Х AR WO 00/45560 08/03/00 **PCT** CH AS WO 00/52906 **PCT** H04L 29/06 X 09/08/00 CH H04L 12/56 Х AT WO 00/62489 10/19/00 **PCT** CH H04L 12/56 X ΑU WO 00/72528 A1 11/30/00 **PCT** CH A۷ G06F X WO 00/79362 A2 12/28/00 **PCT** CH X ΑW H04L 12/00 WO 00/79730 A2 12/28/00 **PCT** CH X 12/56 ΑX WO 01/06717 A1 01/25/01 **PCT** H04L CH 02/22/01 H04L 12/46 X ΑY WO 01/13585 A1 **PCT** CH H04L 12/56 X ΑZ WO 02/033896 A3 04/25/02 **PCT** ВА BB OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) Z. Wang et al., "Resource Allocation for Elastic Traffic: Architecture and Mechanisms," Conference Proceedings Article, 2000, XP010376681, pages 159-169. CH BC BD J. Yu, "Scalable Routing Design Principles," Ref. No. RFC 2791, Network Working Group, July 31, 2000, pages 1-26. CHCH BE Paul Francis et al., "An Architecture for a Global Internet Host Distance Estimation Service," pages 1-17. CH BF T. Bates et al., "Multiprotocol Extensions for BGP-4", XP-00219077, June 2000, ppg. 1-10. CH BG S. Kumar et al., "The MASC/BGMP Architecture for Inter-domain Multicast Routing," 12 pages /Chuong Ho/ 01/01/2007 Date Considered: Examiner:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1 (Modified)	449	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: AVARS-02500	Serial No.: 10/070,515						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		Applicants: Michael J. Lloyd et al.								
(37 CFR § 1.9		(Ose Several Silvers II Processary)	Filing Date: July 25, 2002	Group Art Unit: 2661						
		OTHER DOCUMENTS (Including Author, Title, D.	ate, Relevant Pages, Place of Publication)							
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Examiner:		Chuong Ho/	Date Considered: 01/01/20							
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DS - 06/13/2 PLECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC

Application Number:

10/070515

Confirmation Number:

6824

First Named Applicant:

Michael Lloyd

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(6434606 or 6438592 or 6452950 or 6463454).pn

<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	. Date	Patentee	Kind	Class	Subclass
CH	1	6434606	2002-08-13	Borella et al.	B1		
CH	2	6438592	2002-08-20	Killian	B1		
CH	3	6452950	2002-09-17	Ohlsson et al.	B1		
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Examiner Name	Date		
/Chuong Ho/	01/01/2007		

FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: AVARS-02500 Serial No.: 10/070,515 INFORMATION DISCLOSURES TATEMENT BY APPLICANT (Use Several Seets If Necessary) Applicants: Michael J. Lloyd et al. Group Art Unit: 2661 Filing Date: July 25, 2002 (37 CFR § 1.98(b)) **U.S. PATENT DOCUMENTS** Serial / Patent Number Examiner Initials Issue Date Applicant / Patentee Class Subclass Filing Date CH AA 6,829,221 B1 12/07/2004 Winckles et al. 370 238 12/27/1999 ΑB AC ΑD ΑE AF AG AΗ Αl ΑJ FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **Translation** Document Number **Publication Date** Country / Patent Office Subclass Class Yes No AK AL AM ΑN ΑO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) AP AQ AR AS ΑT ΑU ΑV AW ΑX ΑY ΑZ /Chuong Ho/

Examiner:

EXAMINER:

01/01/2007

Date Considered:

Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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10/070515

6824

Confirmation Number: First Named Applicant:

Michael Lloyd

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(4284852 or 4345116 or 4495570 or 4594704 or 4669113 or 4704724 or 4726017 or 4748658 or 4788721 or 4839798 or 4920432 or 4931941 or 4939726 or 4949187 or 4949248 or 5142570 or 5172413 or 5253341 or 5287537 or 5291554 or 5341477 or 5371532 or 5375070 or 5406502 or 5410343 or 5414455 or 5442389 or 5442390 or 5442749 or 5452294 or 5471622 or 5475615 or 5477536 or 5508732 or 5515511 or 5519435 or 5521591 or 5528281 or 5535195 or 5563875 or 5629930 or 5631897

or 5636216 or 5668800 or 5675741 or 5754639 or 5793976 or 5802106).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	Examiner Name	, Date	
[CHUONG HO	01/01/07	

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC

Application Number:

10/070515

6824

Confirmation Number: First Named Applicant:

Michael Lloyd

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(5805594 or 5835710 or 5845091 or 5974457 or 6006264 or 6009081 or 6026411 or 6069889 or 6108703 or 6111881 or 6119235 or 6130890 or 6167052 or 6173324 or 6282562 or 6286045 or 6339595 or 6341309 or 6415323 or 6526056 or 6601098 or 6608841 or 6611872 or 6625648 or 6631419 or 6633640 or 6714549 or 6748426 or 6766381 or 20010037311 or 20020038331 or 20020124100 or 20030016770).pn

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Note: Applicant is not required to submit a paper copy of cited US Published Applications

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CH	2	20020038331	2002-03-28	Flavin	A1		
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CH	4	20030016770	2003-01-23	Trans et al.			

Examiner Name	, Date
CHUONG HO	01/01/07

FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Serial No.: 10/070,515 Attorney Docket No.: AVARS-02500 INFORMATION STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicants: Michael A. Lloyd et al. Filing Date: July 25, 2002 (37 CFR § 1.98(b)) Group Art Unit: 2661 U.S. PATENT DOCUMENTS Examiner Initials Serial / Patent Number Issue Date Applicant / Patentee Class Subclass Filing Date CH AA 6,757,255 BI 06/29/04 Aoki et al. 370 252 07/27/99 CH ΑB 6,820,133 B1 11/16/04 Grove et al. 709 238 03/24/00 AC ΑD ΑE ΑF AG AΗ ΑI ΑJ FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Publication Date **Document Number** Country / Patent Office Class Subclass Yes No ΑK ΑL AM AN ΑO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) AP AQ AR AS ΑT ΑU ΑV ΑW ΑX ΑY

01/01/2007

Date Considered:

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ΑZ

Examiner:

EXAMINER:

/Chuong Ho/

FORM PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: AVARS-02500 Serial No.: 10/070,515 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicants: Michael J. Lloyd et al. Filing Date: July 25, 2002 Group Art Unit: 2661 (37 CFR § 1.98(b)) MAR 0 2 2006 81 **U.S. PATENT DOCUMENTS** Serial Patent SE SE LE Examiner Issue Date Applicant / Patentee Class Subclass Filing Date Initials CH 6,385,643 B1 5/7/02 Jacobs et al. 709 203 9/23/99 CH ΑB 6,453,356 B1 9/17/02 Sheard et al. 709 231 4/15/98 CH AC 6,493,353 B2 12/10/02 Kelly et al. 370 467 5/7/98 CH ΑD 6,601,101 B1 7/29/03 709 227 3/15/00 Lec et al. CH ΑE 6,704,768 B1 3/9/04 Zombek et al. 709 11/8/00 201 CH AF 6,751,562 BI 6/15/04 Blackett et al. 702 61 3/22/01 CH AG 6,826,613 B1 11/30/04 709 3/15/00 Wang et al. 227 CH ΑH 6,839,745 B1 1/4/05 709 10/10/00 Dingari et al. 219 CH ΑI 6,981,055 B1 12/27/05 Ahuja et al. 709 238 8/22/00 CH ΑJ 2002/0101821 A1 8/1/02 Feldmann et al. 370 232 6/7/01 CH AK 2002/0184527 A1 12/5/02 Chun et al. 713 201 9/19/01 FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS Translation Publication Date **Document Number** Country / Patent Office Class Subclass Yes No AL AM AN ΑO OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) ΑP AQ AR AS AT ΑU A۷ AW AX AY AZ 01/01/2007 Examiner: Date Considered: /Chuong Ho/ **EXAMINER:** Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DS - 07/31/2 PLECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

METHOD AND APPARATUS FOR THE ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC

Application Number:

10/070515

Confirmation Number:

6824

First Named Applicant:

Michael Lloyd

Attorney Docket Number:

Art Unit: Examiner:

Search string:

(6034946 or 6226266 or 6661797 or 6711137 or 6795399 or 6885641 or 6909700

or 7002917 or 7065584).pn

<u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CH	1	6034946	2000-03-07	Roginsky et al.			-
СН	2	6226266	2001-05-01	Galand et al.	B1		
СН	3	6661797	2003-12-09	Goel et al.	B1		
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СН	5	6795399	2004-09-21	Benmohamed et	B1		
				al.			
CH	6	6885641	2005-04-26	Chan et al.	B1		
СН	7	6909700	2005-06-21	Benmohamed et	B1		
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Signature

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Examiner Name	Date

FORM PTO-1449 (Modified)

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Attorney Docket No.: AVARS-02500

Applicant: Michael A. Lloyd et al.

Serial No.: 10/070,515

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U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: AVARS-02500

Serial No.: 10/070,515

Applicants: Michael A. Lloyd et al.

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(Use Sewing Sheets If Necessary)

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Serial No.: 10/070,515

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Title of Invention	METHOD AND APP	THOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC					
Submission Type:	Information Dis	closure Sta	tement ,				
Application Number:	10/070515	70515 *10/0705					
EFS ID:	80750						
Server Response:	Confirmation Code	Message					
	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application					
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	USPTOEFSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/					
First Named Applicant:	Michael Lloyd	4					
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Page 1 of 2

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METHOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC Invention Title of

2002-07-25 10/070515 Application Number:

10/070515

Michael J. Lloyd First Named Applicant:

6824 Confirmation Number:

Attorney Docket Number:

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Submitted by: Thomas B. Haverstock Registered Number: 32571

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> METHOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC Title of Invention

Submission Type: .

Information Disclosure Statement

Application Number:

10/070515

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First Named Applicant:

Michael Lloyd

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Title of

Invention

METHOD AND APPARATUS FOR ASSESSMENT AND OPTIMIZATION

OF NETWORK TRAFFIC

Application Number: 10/070515 6824

First Named Applicant: Michael Lloyd

Attorney Docket Number:

Confirmation Number:

Search string:

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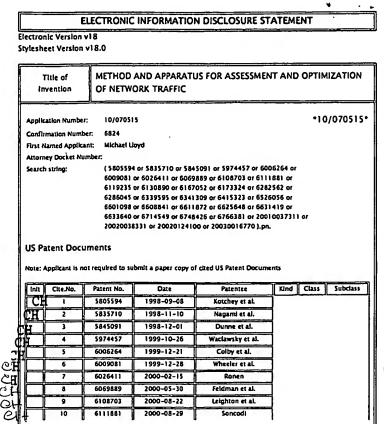
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